

RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.**

Application Serial Number: 10/530,347
Source: PCI
Date Processed by STIC: 3-22-06

ENTERED



PCT

RAW SEQUENCE LISTING

DATE: 03/22/2006

PATENT APPLICATION: US/10/530,347

TIME: 15:28:04

Input Set : A:\2006-02-21 0933-0241PUS1.ST25.txt

Output Set: N:\CRF4\03222006\J530347.raw

```

5 <110> APPLICANT: Salonen, Jukka T
7     Tuomainen, Tomi-Pekka
9     Pirskanen, Mia
12 <120> TITLE OF INVENTION: DETECTING THE RISK OF CARDIOVASCULAR DISEASE BY DETECTING
MUTATIONS IN
13     GENES, INCLUDING GENES ENCODING A2B-ADRENOCEPTOR AND APOLIPOPROTEIN B
15 <130> FILE REFERENCE: 0933-0241PUS1
17 <140> CURRENT APPLICATION NUMBER: US 10/530,347
18 <141> CURRENT FILING DATE: 2005-04-06
20 <160> NUMBER OF SEQ ID NOS: 29
22 <170> SOFTWARE: PatentIn version 3.1
25 <210> SEQ ID NO: 1
27 <211> LENGTH: 20
29 <212> TYPE: DNA
31 <213> ORGANISM: Artificial Sequence
35 <220> FEATURE:
36 <223> OTHER INFORMATION: APOB pcr primer F
39 <400> SEQUENCE: 1
40 gacaacctca atgctctgct                                20
43 <210> SEQ ID NO: 2
45 <211> LENGTH: 20
47 <212> TYPE: DNA
49 <213> ORGANISM: Artificial Sequence
53 <220> FEATURE:
54 <223> OTHER INFORMATION: APOB pcr primer R
58 <400> SEQUENCE: 2
59 tgacttacct ggacatggct                                20
62 <210> SEQ ID NO: 3
64 <211> LENGTH: 30
66 <212> TYPE: DNA
68 <213> ORGANISM: Artificial Sequence
72 <220> FEATURE:
73 <223> OTHER INFORMATION: APOB SNaPshot primer forward
77 <400> SEQUENCE: 3
78 tttttttttt tttgaagacc agccagtgc                        30
82 <210> SEQ ID NO: 4
84 <211> LENGTH: 21
86 <212> TYPE: DNA
88 <213> ORGANISM: Artificial Sequence
92 <220> FEATURE:
93 <223> OTHER INFORMATION: NPPA pcr primer f
97 <400> SEQUENCE: 4
98 gccaaagagag gggaaccaga g                                21
101 <210> SEQ ID NO: 5

```

RAW SEQUENCE LISTING

DATE: 03/22/2006

PATENT APPLICATION: US/10/530,347

TIME: 15:28:04

Input Set : A:\2006-02-21 0933-0241PUS1.ST25.txt

Output Set: N:\CRF4\03222006\J530347.raw

```

103 <211> LENGTH: 22
105 <212> TYPE: DNA
107 <213> ORGANISM: Artificial Sequence
111 <220> FEATURE:
112 <223> OTHER INFORMATION: NPPA pcr primer r
116 <400> SEQUENCE: 5
117 agtgagcaca gcatcagaaa gc 22
120 <210> SEQ ID NO: 6
122 <211> LENGTH: 35
124 <212> TYPE: DNA
126 <213> ORGANISM: Artificial Sequence
130 <220> FEATURE:
131 <223> OTHER INFORMATION: NPPA SNaPshot primer reverse
135 <400> SEQUENCE: 6
136 tttttttttt tttttttaat cccatgtaca atgcc 35
139 <210> SEQ ID NO: 7
141 <211> LENGTH: 19
143 <212> TYPE: DNA
145 <213> ORGANISM: Artificial Sequence
149 <220> FEATURE:
150 <223> OTHER INFORMATION: DDAH1 IVS2-33C>T prc primer F
154 <400> SEQUENCE: 7
155 atcctgcttt ctgcccttt 19
158 <210> SEQ ID NO: 8
160 <211> LENGTH: 21
162 <212> TYPE: DNA
164 <213> ORGANISM: Artificial Sequence
168 <220> FEATURE:
169 <223> OTHER INFORMATION: DDAH1 IVS2-33C>T prc primer r
173 <400> SEQUENCE: 8
174 aagccagtga agcgtaaaca c 21
177 <210> SEQ ID NO: 9
179 <211> LENGTH: 40
181 <212> TYPE: DNA
183 <213> ORGANISM: Artificial Sequence
187 <220> FEATURE:
188 <223> OTHER INFORMATION: DDAH1 IVS2-33C>T SNaPshot primer forward
192 <400> SEQUENCE: 9
193 tttttttttt tttttttttt ttgtacagtc actggtgcca 40
195 <210> SEQ ID NO: 10
197 <211> LENGTH: 22
199 <212> TYPE: DNA
201 <213> ORGANISM: Artificial Sequence
205 <220> FEATURE:
206 <223> OTHER INFORMATION: FGB -455G>A pcr primer F
210 <400> SEQUENCE: 10
211 aacacacaag tgaacagaca ag 22
214 <210> SEQ ID NO: 11
216 <211> LENGTH: 20

```

RAW SEQUENCE LISTING

DATE: 03/22/2006

PATENT APPLICATION: US/10/530,347

TIME: 15:28:04

Input Set : A:\2006-02-21 0933-0241PUS1.ST25.txt

Output Set: N:\CRF4\03222006\J530347.raw

```

218 <212> TYPE: DNA
220 <213> ORGANISM: Artificial Sequence
224 <220> FEATURE:
225 <223> OTHER INFORMATION: FGB -455G>A pcr primer r
229 <400> SEQUENCE: 11
230 gcactcctca aagagagatg 20
233 <210> SEQ ID NO: 12
235 <211> LENGTH: 45
237 <212> TYPE: DNA
239 <213> ORGANISM: Artificial Sequence
243 <220> FEATURE:
244 <223> OTHER INFORMATION: FGB -455G>A SNaPshot oligo reverse
248 <400> SEQUENCE: 12
249 tttttttttt tttttttttt tttttttttt tttttcaaaa ggggc 45
252 <210> SEQ ID NO: 13
254 <211> LENGTH: 20
256 <212> TYPE: DNA
258 <213> ORGANISM: Artificial Sequence
262 <220> FEATURE:
263 <223> OTHER INFORMATION: NPY -52C>G pcr primer f
267 <400> SEQUENCE: 13
268 gttctctctg cgggactggg 20
271 <210> SEQ ID NO: 14
273 <211> LENGTH: 20
275 <212> TYPE: DNA
277 <213> ORGANISM: Artificial Sequence
281 <220> FEATURE:
282 <223> OTHER INFORMATION: NPY -52C>G pcr primer r
286 <400> SEQUENCE: 14
287 ctgccctggg atagagcgaa 20
290 <210> SEQ ID NO: 15
292 <211> LENGTH: 50
294 <212> TYPE: DNA
296 <213> ORGANISM: Artificial Sequence
300 <220> FEATURE:
301 <223> OTHER INFORMATION: NPY -52C>G SNaPshot primer forward
305 <400> SEQUENCE: 15
306 tttttttttt tttttttttt tttttttttt ttgaggaggg aggtgctgcg 50
309 <210> SEQ ID NO: 16
311 <211> LENGTH: 20
313 <212> TYPE: DNA
315 <213> ORGANISM: Artificial Sequence
319 <220> FEATURE:
320 <223> OTHER INFORMATION: ADRA2B pcr primer f
324 <400> SEQUENCE: 16
325 ggggtgtttgt ggggcatctc 20
328 <210> SEQ ID NO: 17
330 <211> LENGTH: 19
332 <212> TYPE: DNA

```

RAW SEQUENCE LISTING

DATE: 03/22/2006

PATENT APPLICATION: US/10/530,347

TIME: 15:28:04

Input Set : A:\2006-02-21 0933-0241PUS1.ST25.txt

Output Set: N:\CRF4\03222006\J530347.raw

```

334 <213> ORGANISM: Artificial Sequence
338 <220> FEATURE:
339 <223> OTHER INFORMATION: ADRA2B pcr primer r
343 <400> SEQUENCE: 17
344 tggcactgcc tggggttca 19
347 <210> SEQ ID NO: 18
349 <211> LENGTH: 21
351 <212> TYPE: DNA
353 <213> ORGANISM: Artificial Sequence
357 <220> FEATURE:
358 <223> OTHER INFORMATION: Description of Artificial sequence: PCR primer
361 <400> SEQUENCE: 18
362 gagcctgggt tcttgggttt c 21
365 <210> SEQ ID NO: 19
367 <211> LENGTH: 21
369 <212> TYPE: DNA
371 <213> ORGANISM: Artificial Sequence
375 <220> FEATURE:
376 <223> OTHER INFORMATION: CBS prc primer r
380 <400> SEQUENCE: 19
381 ggttgtctgc tccgtctggt t 21
384 <210> SEQ ID NO: 20
386 <211> LENGTH: 25
388 <212> TYPE: DNA
390 <213> ORGANISM: Artificial Sequence
394 <220> FEATURE:
395 <223> OTHER INFORMATION: snapshot primer cbs forward
399 <400> SEQUENCE: 20
400 ttttttccgc gccctctgca gatca 25
403 <210> SEQ ID NO: 21
405 <211> LENGTH: 22
407 <212> TYPE: DNA
409 <213> ORGANISM: Artificial Sequence
413 <220> FEATURE:
414 <223> OTHER INFORMATION: LPL pcr primer F
418 <400> SEQUENCE: 21
419 cgctccattc atctcttcat cg 22
422 <210> SEQ ID NO: 22
424 <211> LENGTH: 22
426 <212> TYPE: DNA
428 <213> ORGANISM: Artificial Sequence
432 <220> FEATURE:
433 <223> OTHER INFORMATION: LPL pcr primer R
437 <400> SEQUENCE: 22
438 ccccttatca acagaaacac ca 22
441 <210> SEQ ID NO: 23
443 <211> LENGTH: 55
445 <212> TYPE: DNA
447 <213> ORGANISM: Artificial Sequence

```

RAW SEQUENCE LISTING

DATE: 03/22/2006

PATENT APPLICATION: US/10/530,347

TIME: 15:28:04

Input Set : A:\2006-02-21_0933-0241PUS1.ST25.txt

Output Set: N:\CRF4\03222006\J530347.raw

```

450 <220> FEATURE:
451 <223> OTHER INFORMATION: LPL SNaPShot primer
455 <400> SEQUENCE: 23
456 tttttttttt tttttttttt tttttttttt ttttttttctt ttggctctga cttta      55
459 <210> SEQ ID NO: 24
461 <211> LENGTH: 21
463 <212> TYPE: DNA
465 <213> ORGANISM: Artificial Sequence
469 <220> FEATURE:
470 <223> OTHER INFORMATION: ITGB3 pcr primer F
474 <400> SEQUENCE: 24
475 gcaggaggta gagagtcgcc a      21
478 <210> SEQ ID NO: 25
480 <211> LENGTH: 21
482 <212> TYPE: DNA
484 <213> ORGANISM: Artificial Sequence
488 <220> FEATURE:
489 <223> OTHER INFORMATION: ITGB3 pcr primer R
493 <400> SEQUENCE: 25
494 gggcacagtt atccttcagc a      21
497 <210> SEQ ID NO: 26
499 <211> LENGTH: 60
501 <212> TYPE: DNA
503 <213> ORGANISM: Artificial Sequence
507 <220> FEATURE:
508 <223> OTHER INFORMATION: ITGB3 SNaPshot primer reverse
512 <400> SEQUENCE: 26
513 tttttttttt tttttttttt tttttttttt tttttttttt tgtcacagcg aggtgagccc      60
516 <210> SEQ ID NO: 27
518 <211> LENGTH: 22
520 <212> TYPE: DNA
522 <213> ORGANISM: Artificial Sequence
526 <220> FEATURE:
527 <223> OTHER INFORMATION: NPPA pcr primer F
531 <400> SEQUENCE: 27
532 ttagcagttc atattcctcc cc      22
535 <210> SEQ ID NO: 28
537 <211> LENGTH: 20
539 <212> TYPE: DNA
541 <213> ORGANISM: Artificial Sequence
545 <220> FEATURE:
546 <223> OTHER INFORMATION: NPPA pcr primer R
550 <400> SEQUENCE: 28
551 agcctcttgc agtctgtccc      20
554 <210> SEQ ID NO: 29
556 <211> LENGTH: 65
558 <212> TYPE: DNA
560 <213> ORGANISM: Artificial Sequence
564 <220> FEATURE:

```

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/530,347

DATE: 03/22/2006

TIME: 15:28:05

Input Set : A:\2006-02-21 0933-0241PUS1.ST25.txt

Output Set: N:\CRF4\03222006\J530347.raw